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Karlgren, Maria
Gomez, Alvin

<120> Drug target in cancer therapy

<130> P05980PC00/HAM/em

<150> SE0203137-5

<151> 2002-10-24

<150> US 60/420,787

<151> 2002-10-24

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<170> PatentIn version 3.1

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Pro Gly Pro Arg Pro Leu Pro Leu Val Gly Asn Leu His Leu Leu Arg
35 40 45

Leu Ser Gln Gln Asp Arg Ser Leu Met Glu Leu Ser Glu Arg Tyr Gly
50 55 60

Pro Val Phe Thr Val His Leu Gly Arg Gln Lys Thr Val Val Leu Thr
65 70 75 80

Gly Phe Glu Ala Val Lys Glu Ala Leu Ala Gly Pro Gly Gln Glu Leu
85 90 95

Ala Asp Arg Pro Pro Ile Ala Ile Phe Gln Leu Ile Gln Arg Gly Gly
100 105 110

Gly Ile Phe Phe Ser Ser Gly Ala Arg Trp Arg Ala Ala Arg Gln Phe
115 120 125

Thr Val Arg Ala Leu His Ser Leu Gly Val Gly Arg Glu Pro Val Ala
130 135 140

Asp Lys Ile Leu Gln Glu Leu Lys Cys Leu Ser Gly Gln Leu Asp Gly
145 150 155 160

Tyr Arg Gly Arg Pro Phe Pro Leu Ala Leu Leu Gly Trp Ala Pro Ser
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Asn Ile Thr Phe Ala Leu Leu Phe Gly Arg Arg Phe Asp Tyr Arg Asp
180 185 190

sequence_listing.ST25.txt

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Leu Gly Ser Pro Gly Leu Gln Leu Phe Asn Val Tyr Pro Trp Leu Gly
210 215 220

Ala Leu Leu Gln Leu His Arg Pro Val Leu Arg Lys Ile Glu Glu Val
225 230 235 240

Arg Ala Ile Leu Arg Thr Leu Leu Glu Ala Arg Arg Pro His Val Cys
245 250 255

Pro Gly Asp Pro Val Cys Ser Tyr Val Asp Ala Leu Ile Gln Gln Gly
260 265 270

Gln Gly Asp Asp Pro Glu Gly Leu Phe Ala Glu Ala Asn Ala Val Ala
275 280 285

Cys Thr Leu Asp Met Val Met Ala Gly Thr Glu Thr Thr Ser Ala Thr
290 295 300

Leu Gln Trp Ala Ala Leu Leu Met Gly Arg His Pro Asp Val Gln Gly
305 310 315 320

Arg Val Gln Glu Glu Leu Asp Arg Val Leu Gly Pro Gly Arg Thr Pro
325 330 335

Arg Leu Glu Asp Gln Gln Ala Leu Pro Tyr Thr Ser Ala Val Leu His
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Glu Val Gln Arg Phe Ile Thr Leu Leu Pro His Val Pro Arg Cys Thr
355 360 365

Ala Ala Asp Thr Gln Leu Gly Gly Phe Leu Leu Pro Lys Gly Thr Pro
370 375 380

Val Ile Pro Leu Leu Thr Ser Val Leu Leu Asp Glu Thr Gln Trp Gln
385 390 395 400

Thr Pro Gly Gln Phe Asn Pro Gly His Phe Leu Asp Ala Asn Gly His
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Phe Val Lys Arg Glu Ala Phe Leu Pro Phe Ser Ala Gly Arg Arg Val
420 425 430

Cys Val Gly Glu Arg Leu Ala Arg Thr Glu Leu Phe Leu Leu Phe Ala
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Gly Leu Leu Gln Arg Tyr Arg Leu Leu Pro Pro Pro Gly Val Ser Pro
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sequence_listing.ST25.txt

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                1          5          10
ctg ggg ctc tgg ggg ctg ctc tgc gcc tgc gcc caa gac ccc tcc cca      218
Leu Gly Leu Trp Gly Leu Leu Cys Ala Cys Ala Gln Asp Pro Ser Pro
                15          20          25
gct gcc cgg tgg ccc ccg ggg cct cgc ccg ctg ccg ctc gtc ggg aac      266
Ala Ala Arg Trp Pro Pro Gly Pro Arg Pro Leu Pro Leu Val Gly Asn
                30          35          40
ctg cac ttg ctg cgt ctg tgc caa cag gac cgg tcc ctg atg gag ctc      314
Leu His Leu Leu Arg Leu Ser Gln Gln Asp Arg Ser Leu Met Glu Leu
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tca gaa cgc tac ggg ccg gtg ttc acc gtg cac ctg ggg cgc cag aag      362
Ser Glu Arg Tyr Gly Pro Val Phe Thr Val His Leu Gly Arg Gln Lys
60          65          70          75
acg gtg gtg ctg acg ggg ttc gag gcg gtc aaa gag gcg ctg gcg ggc      410
Thr Val Val Leu Thr Gly Phe Glu Ala Val Lys Glu Ala Leu Ala Gly
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sequence_listing.ST25.txt

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Ile	Gln	Arg	Gly	Gly	Gly	Ile	Phe	Phe	Ser	Ser	Gly	Ala	Arg	Trp	Arg		
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gct	gcc	cgc	cag	ttc	acg	gtg	cgt	gcc	ctg	cac	agc	ctg	ggc	gtg	ggc		554
Ala	Ala	Arg	Gln	Phe	Thr	Val	Arg	Ala	Leu	His	Ser	Leu	Gly	Val	Gly		
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cgg	gag	ccg	gtg	gct	gac	aag	att	ctg	cag	gag	ctg	aaa	tgc	ctc	tct		602
Arg	Glu	Pro	Val	Ala	Asp	Lys	Ile	Leu	Gln	Glu	Leu	Lys	Cys	Leu	Ser		
140					145					150					155		
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Gly	Gln	Leu	Asp	Gly	Tyr	Arg	Gly	Arg	Pro	Phe	Pro	Leu	Ala	Leu	Leu		
				160				165						170			
ggc	tgg	gct	ccc	tcc	aat	atc	acc	ttc	gcg	ctc	ctc	ttc	ggc	cgc	cga		698
Gly	Trp	Ala	Pro	Ser	Asn	Ile	Thr	Phe	Ala	Leu	Leu	Phe	Gly	Arg	Arg		
			175					180					185				
ttt	gac	tac	cgg	gac	ccc	gtg	ttt	gtg	tcc	ctg	ctg	ggt	ctc	atc	gat		746
Phe	Asp	Tyr	Arg	Asp	Pro	Val	Phe	Val	Ser	Leu	Leu	Gly	Leu	Ile	Asp		
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gag	gtc	atg	gtc	ctc	ttg	ggg	tcc	cct	ggc	ctg	cag	ctg	ttc	aac	gtc		794
Glu	Val	Met	Val	Leu	Leu	Gly	Ser	Pro	Gly	Leu	Gln	Leu	Phe	Asn	Val		
	205					210					215						
tac	cca	tgg	ctc	ggg	gcc	ctg	ctc	cag	ctg	cac	cgg	ccc	gtc	ctg	cgc		842
Tyr	Pro	Trp	Leu	Gly	Ala	Leu	Leu	Gln	Leu	His	Arg	Pro	Val	Leu	Arg		
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Lys	Ile	Glu	Glu	Val	Arg	Ala	Ile	Leu	Arg	Thr	Leu	Leu	Glu	Ala	Arg		
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agg	ccc	cac	gtg	tgc	ccg	ggg	gac	ccc	gtg	tgc	agc	tat	gtg	gac	gcc		938
Arg	Pro	His	Val	Cys	Pro	Gly	Asp	Pro	Val	Cys	Ser	Tyr	Val	Asp	Ala		
			255					260					265				
ctg	atc	cag	cag	gga	cag	ggg	gat	gac	ccc	gag	ggc	ctg	ttt	gct	gag		986
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gcc	aac	gcg	gtg	gcc	tgc	acc	ctg	gac	atg	gtc	atg	gcc	ggg	acg	gag		1034
Ala	Asn	Ala	Val	Ala	Cys	Thr	Leu	Asp	Met	Val	Met	Ala	Gly	Thr	Glu		
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sequence_listing.ST25.txt

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gac	gcg	aat	ggg	cac	ttt	gtg	aag	cgg	gag	gcc	ttc	ctg	cct	ttc	tct	1418
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sequence_listing.ST25.txt

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tcaccagcca cgtcctc 137